

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|---|------------------|---------|------------------|
| L1 | 1 | "6631077".pn. and silicon | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/01/23 07:15 |
| L2 | 275 | heat adj (sink or frame) near3 (silicon or "si") and (chip or die or "ic" or integrated adj circuit) near3 (silicon or "si") | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/01/23 07:25 |
| L3 | 234 | heat adj (sink or frame) near3 ("same" or similar or identical) near3 material | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/01/23 07:26 |
| L4 | 8 | heat adj (sink or frame) near3 ("same" or similar or identical) near3 material near5 (chip or die or "ic" or integrated adj circuit) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/01/23 07:28 |
| L5 | 75 | heat adj (sink or frame) near10 ("same" or similar or identical) near10 material near10 (chip or die or "ic" or integrated adj circuit) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/01/23 07:28 |
| S1 | 515 | (chip or die) and passage and (fluid near5 water or operating adj fluid) and resistor | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/01/23 07:15 |
| S2 | 7 | (chip or die) same (passage or duct) same (fluid near5 water or operating adj fluid) and resistor | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/01/12 10:17 |
| S3 | 93 | heat same (passage or duct) same (fluid near5 water or operating adj fluid) and resistor | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/01/22 20:40 |
| S4 | 68 | 257/714.ccls. and heat and (water or fluid) and (resistor or polysilicon or "tan" or tantalum) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/01/12 10:20 |
| S5 | 112 | 257/714.ccls. and heat and (water or fluid) and (resistor or polysilicon or "tan" or tantalum or driving) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/01/12 10:41 |
| S6 | 73 | ("4138692" "4381818" "4506108" "4561040" "4567505" "4573067" "4631636" "4639829").PN. OR ("4758926").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/01/12 10:21 |
| S7 | 68 | ("4312012" "4450472" "4516632" "4567505" "4573067").PN. OR ("4894709").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/01/12 10:23 |

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| S8 | 10 | ("5325265" "5763951" "5870823" "5901037" "6301109" "6344686" "6631077" "6704200" "6741469" "6785134").PN. OR ("6903929").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/01/12 10:28 |
| S9 | 20 | ("5238056" "5336062" "5453641" "5466932" "5529465" "5646824" "5763951" "5801442" "5901037" "5966940" "5998240" "6019165" "6219237" "6490159" "6529377").PN. OR ("6631077").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/01/12 10:29 |
| S10 | 1 | ("6605525").PN. OR ("6919231").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/01/12 10:31 |
| S11 | 10 | ("20040113265" "4894709" "5099311" "5870823" "5901037" "6344686" "6388317" "6400012" "6704200" "6785134").PN. OR ("6934154").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/01/12 10:32 |
| S12 | 9 | ("5057908" "5529465" "6186660" "6501654" "6521516" "6529377" "6591625").PN. OR ("6785134").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/01/12 10:33 |
| S13 | 20 | ("5130768" "5801924").PN. OR ("6388317").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/01/12 10:38 |
| S14 | 142 | 257/712-713.ccls. and heat and (water or fluid) and (resistor or polysilicon or "tan" or tantalum or driving) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/01/22 20:29 |
| S15 | 160 | 257/715-720.ccls. and heat and (water or fluid) and (resistor or polysilicon or "tan" or tantalum or driving) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/01/12 11:25 |
| S16 | 2 | ("4894709").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/01/12 11:25 |
| S17 | 567 | hitachi.as. and heat and plate and (liquid or fluid) and (vibration or vibrate or vibrating) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/01/17 17:49 |
| S18 | 0 | 168/80.4.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/01/17 17:56 |
| S19 | 35654 | "168"/\$.ccls. heat and (fluid or liquid) and semiconductor and (chip or die) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/01/17 17:53 |

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| S20 | 18405 | "168"/\$.ccls. heat and (fluid or liquid) and semiconductor and (chip or die) and (passage or channel or duct) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/01/17 17:53 |
| S21 | 1133 | 165/80.4.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/01/17 17:56 |
| S22 | 842 | 165/80.4.ccls. and (fluid or liquid) and heat | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/01/17 17:57 |
| S23 | 10 | ("20040113265" "4894709" "5099311" "5870823" "5901037" "6344686" "6388317" "6400012" "6704200" "6785134").PN. OR ("6934154").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/01/17 18:01 |
| S24 | 339 | (chip or die) near5 silicon and heat adj sink near5 silicon | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/01/22 18:21 |
| S25 | 216 | (chip or die) near3 silicon and heat adj sink near3 silicon | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/01/22 18:26 |
| S26 | 123 | (chip or die) adj silicon and (heat) near2 silicon | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/01/22 18:51 |
| S27 | 1 | "6631077".pn. and water | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/01/22 18:59 |
| S28 | 1 | "6631077".pn. and temperature | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/01/22 18:59 |
| S29 | 362 | heat same (passage or duct) same (fluid near5 water or operating adj fluid) and temperature adj (sensor or detector) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/01/22 19:10 |
| S30 | 131 | heat adj (sink or frame) same (fluid near5 water or operating adj fluid) and temperature adj (sensor or detector) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/01/22 19:18 |
| S31 | 25 | heat adj (sink or frame) same (fluid near5 water or operating adj fluid) and (chip or die) same (logic or memory) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/01/22 19:38 |

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| S32 | 133 | heat adj (sink or frame) same (fluid near5 water or operating adj fluid) and (vibration or vibrating or oscillate or oscillator or oscillating or resistor adj film or resistance adj film) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/01/22 20:04 |
| S33 | 2045 | heat adj (sink or frame) and (chip or die) near5 (logic or memory) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/01/22 19:40 |
| S34 | 221 | heat adj (sink or frame) and (chip or die) near5 (logic or memory) and fluid and "257"/\$.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/01/22 19:40 |
| S35 | 1 | heat adj (sink or frame) same (fluid near5 water or operating adj fluid) and (resistor adj film or resistance adj film) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/01/22 20:05 |
| S36 | 56 | heat adj (sink or frame) and fluid and (resistor adj film or resistance adj film) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/01/22 20:13 |
| S37 | 106 | heat adj (sink or frame) and fluid and (polysilicon or "tan" or tantalum adj nitride) same ("sio" or silicon adj oxide or silicon adj dioxide) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/01/23 07:21 |
| S38 | 2 | "20040104468".pn. and (cross or crossed or crossing) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/01/22 20:20 |
| S39 | 1656 | heat adj (sink or frame) same (passage or duct or channel or passage) same fluid | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/01/22 20:40 |